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Both lead-in portions of the independent wires are made in contact with the contact member 51 connected to the front frame 96 connected to the earth potential of the power source unit. It is therefore possible to reliably define the earth potential of the independent wires of FP 11 and RP 1.

IN THE CLAIMS:

Please amend Claims 40, 55-66, 75-78, 95-98, 112, and 128, and add new Claims 130-137, to read as follows. A marked-up version of the amended claims, showing the changed made thereto, is attached.

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40. (Twice Amended) An electron-emitting apparatus comprising:

- electron-emitting devices;
- driving wires connected to said electron-emitting devices;
- an electron source substrate on which said electron-emitting devices and said driving wires are arranged;
- an acceleration electrode mounted at a position facing said electron source substrate, said acceleration electrode being applied with an acceleration potential for accelerating electrons emitted from said electron-emitting devices;
- a potential supply path for supplying the acceleration potential to said acceleration electrode, said potential supply path being introduced by passing through said electron source substrate;
- a first wire provided separately from said driving wires and formed on a

surface between a passing portion and said driving wires;

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a sealing structure integrated with said potential supply path and hermetically mounted in a hole formed through said electron source substrate; and

a projection/recess structure formed on a surface between said sealing structure and said first wire.

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55. (Amended) An electron-emitting apparatus according to claim 51, wherein the conductive contact member includes opposing portions, a distance between the opposing portions is longer than a thickness of said electron source substrate and a distance between opposing portions in contact with the lead portion of said first wire is shorter than the thickness of said electron source substrate, when the conductive contact member does not squeeze said electron source substrate.

56. (Amended) An electron-emitting apparatus according to claim 52, wherein the conductive contact member includes opposing portions, a distance between the opposing portions is longer than a thickness of said electron source substrate and a distance between opposing portions in contact with the lead portion of said first wire is shorter than the thickness of said electron source substrate, when the conductive contact member does not squeeze said electron source substrate.

57. (Amended) An electron-emitting apparatus according to claim 53, wherein the conductive contact member includes opposing portions, a distance between the

opposing portions is longer than a thickness of said electron source substrate and a distance between opposing portions in contact with the lead portion of said first wire is shorter than the thickness of said electron source substrate, when the conductive contact member does not squeeze said electron source substrate.

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58. (Amended) An electron-emitting apparatus according to claim 54,

wherein the conductive contact member includes opposing portions, a distance between the opposing portions is longer than a thickness of said electron source substrate and a distance between opposing portions in contact with the lead portion of said first wire is shorter than the thickness of said electron source substrate, when the conductive contact member does not squeeze said electron source substrate.

59. (Amended) An electron-emitting apparatus according to claim 51,

further comprising a second wire different from said acceleration electrode disposed on an acceleration electrode substrate on which said acceleration electrode is formed, wherein said conductive contact member is electrically connected to both lead portions of said first and second wires.

60. (Amended) An electron-emitting apparatus according to claim 44,

further comprising a second wire different from said acceleration electrode disposed on an acceleration electrode substrate on which said acceleration electrode is formed, wherein said conductive contact member is electrically connected to both lead portions of said first and

second wires.

61. (Amended) An electron-emitting apparatus according to claim 45, further comprising a second wire different from said acceleration electrode disposed on an acceleration electrode substrate on which said acceleration electrode is formed, wherein said conductive contact member is electrically connected to both lead portions of said first and second wires.

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62. (Amended) An electron-emitting apparatus according to claim 46, further comprising a second wire different from said acceleration electrode disposed on an acceleration electrode substrate on which said acceleration electrode is formed, wherein said conductive contact member is electrically connected to both lead portions of said first and second wires.

63. (Amended) An electron-emitting apparatus according to claim 59, wherein at least a portion of the conductive contact member is squeezed between said electron source substrate and the acceleration electrode substrate, and the conductive contact member is in contact with both lead portions of said first and second wires on said electron source substrate and on the acceleration electrode substrate.

64. (Amended) An electron-emitting apparatus according to claim 60, wherein at least a portion of the conductive contact member is squeezed between said

electron source substrate and the acceleration electrode substrate, and the conductive contact member is in contact with both lead portions of said first and second wires on said electron source substrate and on the acceleration electrode substrate.

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65. (Amended) An electron-emitting apparatus according to claim 61, wherein at least a portion of the conductive contact member is squeezed between said electron source substrate and the acceleration electrode substrate, and the conductive contact member is in contact with both lead portions of said first and second wires on said electron source substrate and on the acceleration electrode substrate.

66. (Amended) An electron-emitting apparatus according to claim 62, wherein at least a portion of the conductive contact member is squeezed between said electron source substrate and the acceleration electrode substrate, and the conductive contact member is in contact with both lead portions of said first and second wires on said electron source substrate and on the acceleration electrode substrate.

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75. (Amended) An electron-emitting apparatus according to claim 43, wherein the conductive contact member contacts a lead portion extended on a surface which is the same as the surface on which said first line is formed.

76. (Amended) An electron-emitting apparatus according to claim 44, wherein the conductive contact member contacts a lead portion extended on a surface

which is the same as the surface on which said first line is formed.

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77. (Amended) An electron-emitting apparatus according to claim 45,
wherein the conductive contact member contacts a lead portion extended on a surface
which is the same as the surface on which said first line is formed.

78. (Amended) An electron-emitting apparatus according to claim 46,
wherein the conductive contact member contacts a lead portion extended on a surface
which is the same as the surface on which said first line is formed.

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95. (Amended) An electron-emitting apparatus according to claim 1,
wherein an acceleration electrode substrate on which said acceleration electrode is formed
constitutes a portion of a vacuum container, and the acceleration electrode has a conductive
layer formed outside of the vacuum container.

96. (Amended) An electron-emitting apparatus according to claim 4,
wherein an acceleration electrode substrate on which said acceleration electrode is formed
constitutes a portion of a vacuum container, and the acceleration electrode has a conductive
layer formed outside of the vacuum container.

97. (Amended) An electron-emitting apparatus according to claim 39,
wherein an acceleration electrode substrate on which said acceleration electrode is formed

constitutes a portion of a vacuum container, and the acceleration electrode has a conductive layer formed outside of the vacuum container.

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98. (Amended) An electron-emitting apparatus according to claim 40, wherein an acceleration electrode substrate on which said acceleration electrode is formed constitutes a portion of a vacuum container, and the acceleration electrode has a conductive layer formed outside of the vacuum container.

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112. (Amended) An electron-emitting apparatus according to claim 111, wherein the conductive contact member is in contact with both lead portions of said first and second wires to apply a predetermined common potential to both lead portions.

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128. (Amended) An image-forming apparatus comprising an electron-emitting apparatus recited in claim 40 and a phosphor which emits light upon incidence of electrons accelerated by the acceleration potential.

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--130. (New) An electron-emitting apparatus comprising:
electron-emitting devices;
driving wires connected to said electron-emitting devices;
an electron source substrate on which said electron-emitting devices and said driving wires are arranged;
an acceleration electrode mounted at a position facing said electron source

substrate, said acceleration electrode being applied with an acceleration potential for accelerating electrons emitted from said electron-emitting devices;

a potential supply path for supplying the acceleration potential to said acceleration electrode, at least a portion of said potential supply path passing through said electron source substrate;

a first wire provided separately from said driving wires and formed on a surface between the portion of said potential supply path and said driving wires; and

a resistor film formed on a surface between said first wire and the portion of said potential supply path, said resistor film being electrically connected with said potential supply path and said first wire.

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131. (New) An electron-emitting apparatus comprising:

electron-emitting devices;

driving wires connected to said electron-emitting devices;

an electron source substrate on which said electron-emitting devices and said driving wires are arranged;

an acceleration electrode mounted at a position facing said electron source substrate, said acceleration electrode being applied with an acceleration potential for accelerating electrons emitted from said electron-emitting devices;

a potential supply path for supplying an acceleration potential to said acceleration electrode, at least a portion of said potential supply path passing through said electron source substrate;

a first wire provided separately from said driving wires and formed on a surface between the portion of said potential supply path and said driving wires; and
a periodical projection/recess structure formed on a surface between said first wire and the portion of said potential supply path.

132. (New) An electron-emitting apparatus comprising:

electron-emitting devices;

driving wires connected to said electron-emitting devices;

an electron source substrate on which said electron-emitting devices and said driving wires are arranged;

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an acceleration electrode mounted at a position facing said electron source substrate, said acceleration electrode being applied with an acceleration potential for accelerating electrons emitted from said electron-emitting devices;

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a potential supply path for supplying the acceleration potential to said acceleration electrode, at least a portion of said potential supply path passing through said electron source substrate;

a first wire provided separately from said driving wires and formed on a surface between the portion of said potential supply path and said driving wires;

a sealing structure integrated with said potential supply path and hermetically mounted in a hole formed through said electron source substrate; and

a periodical projection/recess structure formed on a surface between said sealing structure and said first wire.

133. (New) An electron-emitting apparatus comprising:
electron-emitting devices;
driving wires connected to said electron-emitting devices;
an electron source substrate on which said electron-emitting devices and said driving wires are arranged;

an acceleration electrode substrate facing said electron source substrate;
an acceleration electrode mounted on said acceleration electrode substrate
and being applied with an acceleration potential for accelerating electrons emitted from said electron-emitting devices;

B14 a potential supply path for supplying the acceleration potential to said acceleration electrode, said potential supply path being introduced via an intermediate area on a side of said electron source substrate;

cmp. a first wire provided separately from said driving wires and formed on a surface between the intermediate area and said driving wires; and

a second wire provided separately from said acceleration electrode around said acceleration electrode on said acceleration electrode substrate,

wherein a space surrounded by said electron source substrate, said acceleration electrode substrate and a peripheral frame is maintained as having a vacuum atmosphere, a lead portion of said first wire is extended outside of the vacuum atmosphere, a lead portion of said second wire is extended outside of the vacuum atmosphere, and a conductive contact member is in contact with the lead portions of said first and second

wires.

134. (New) An electron-emitting apparatus comprising:

electron-emitting devices;

driving wires connected to said electron-emitting devices;

an electron source substrate on which said electron-emitting devices and said driving wires are arranged, wherein on said substrate is provided a portion to which an acceleration potential for accelerating electrons emitted from said electron-emitting devices is supplied;

a first wire provided separately from said driving wires and formed on a surface between the portion and said driving wires; and

a resistor film formed on a surface.

135. (New) An electron-emitting apparatus comprising:

electron-emitting devices;

driving wires connected to said electron-emitting devices;

an electron source substrate on which said electron-emitting devices and said driving wires are arranged, wherein on said substrate is provided a portion to which an acceleration potential for accelerating electrons emitted from said electron-emitting devices is supplied;

an electroconductive film provided separately from said driving wires and formed on a surface between the portion and said driving wires; and

a resistor film formed on a surface between said first wire and the portion.

136. (New) An electron-emitting apparatus comprising:

electron-emitting devices;

driving wires connected to said electron-emitting devices;

an electron source substrate on which said electron-emitting devices and said driving wires are arranged, wherein on said substrate is provided a portion to which an acceleration potential for accelerating electrons emitted from said electron-emitting devices is supplied;

a first wire provided separately from said driving wires and formed on a surface between the portion and said driving wires; and

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a periodical projection/recess structure formed on a surface between said first wire and the portion.

137. (New) An electron-emitting apparatus comprising:

electron-emitting devices;

driving wires connected to said electron-emitting devices;

an electron source substrate on which said electron-emitting devices and said driving wires are arranged, wherein on said substrate is provided a portion to which an acceleration potential for accelerating electrons emitted from said electron-emitting devices is supplied;

an electroconductive film provided separately from said driving wires and